Pursuant to the authority vested in the Air Resources Board (ARB) by Health and Safety Code (HSC) Division 26, Part 5, Chapter 2; and pursuant to the authority vested in the undersigned by HSC Sections 39515 and 39516 and Executive Order (EO) G-02-003; and

Pursuant to the December 15, 1998 Settlement Agreement (SA) between ARB and the manufacturer, and any modifications thereof to the Settlement Agreement:

IT IS ORDERED AND RESOLVED: That the engine and emission control systems produced by the manufacturer are certified as described below for use in on-road motor vehicles with a manufacturer's GVWR over 14,000 pounds. Production engines shall be in all material respects the same as those for which certification is granted.

MODEL YEAR ENGINE FAMILY		ENGINE SIZE (liter)	FUEL TYPE (CNG/LNG=compressed/liquefied natural gas; LPG=liquefied petroleum gas)	STANDARDS & TEST PROCEDURE	INTENDED SERVICE CLASS (L/M/H HDD=light/medium/heavy heavy-duty [HD] diesel; UB=urban bus; HDO=HD Otto)						
2004	4CEXH0661MAU	10.8	Diesel	HHDD							
	AL FEATURES & CONTROL SYSTEMS	ENGINE MODELS / CODES (rated power in horsepower, hp)									
	GR, TC, CAC, PCM	SEE ATTACHMENT									
gas recirculat (prefix)≃parai	tion AIR=secondary air in	jection PAIR= HC=hvdrocari	ay/oxidizing catalyst WU (prefix) =warm-up cat. IMFI DDI/IDI=direct /indirect diesel injection TC rpulsed AIR SPL=smoke puff limiter ECM/PCM= bon NMHC=non-methane HC NOx=oxides of nit	/SC=turbo/super cha	rger CAC=charge air cooler EGR=exhaust						

The following are the exhaust emission standards (STD), or family emission limit(s) (FEL) as applicable, and certification levels (CERT), in g/bhp-hr, for this engine family under the "Federal Test Procedure" (FTP) (Title 13, California Code of Regulations, (13 CCR) Section 1956.1 (urban bus) or 1956.8 (other than urban bus)), and under the "Euro III Test Procedure" (EURO) in the Settlement Agreement, including EURO's "Not-to-Exceed" standard(s). "Diesel" CO certification compliance may have been demonstrated pursuant to Code of Federal Regulations, Title 40, Part 86, Subpart A, Section 86.091-23(c)(2)(i) in lieu of testing. (For flexible- and dual-fueled engines, the CERT values in brackets [] are those when tested on conventional test fuel. For multi-fueled engines, the STD and CERT values for default operation permitted in 13 CCR Section 1956.1 or 1956.8 are in parentheses.)

					EUF	RO'S NTE	NMHC:	0.625	NOx: *		NMHC+	NOx: 3.125	PM: 0.125		
* = not	1	1C	N	/HC	N	Юx	NMH	C+NOx		0	F	M	НС	СНО	
applicable	FTP	EURO	FTP	EURO	FTP	EURO	FTP	EURO	FTP	EURO	FTP	EURO	FTP	EURO	
(DIRECT) STD	*	•	0.5	0.5	٠	*	2.5	2.5	15.5	15.5	0.10	0.10	*		
AVERAGE STD	,		*	•	*	*	*	•	•	*	*	*	•	-	
FEL	*	•	*	*	•	*		*		+	*		*	*	
CERT	•	•	0.2	0.1	*	*	2.0	2.1	0.8	0.4	0.10	0.08	*	+	

BE IT FURTHER RESOLVED: That certification to the FEL(s) listed above, as applicable, is subject to the following terms, limitations and conditions. The FEL(s) is the emission level declared by the manufacturer and serves in lieu of an emission standard for certification purposes in any averaging, banking, or trading (ABT) programs. It will be used for determining compliance of any engine in this family and compliance with such ABT programs.

BE IT FURTHER RESOLVED: That for the listed engine models, the manufacturer has submitted the materials to demonstrate certification compliance with 13 CCR Sections 1965 (emission control labels), and 2035 et seq. (emission control warranty).

BE IT FURTHER RESOLVED: That the listed engine models are conditionally certified subject to the following conditions: (1) The SA is in effect; (2) The manufacturer is in compliance with all applicable certification requirements of the SA and any modifications thereof.

Engines certified under this Executive Order shall conform to all applicable California emission regulations and all requirements under the Settlement Agreement and any modifications thereof.

The Bureau of Automotive Repair will be notified by copy of this Executive Order.

Executed at El Monte, California on this ______ day of January 2004.

Allen Loons, Chief

Mobile Source Operations Division

Engine Model Summary Form

Manufacturer: Cummins Inc.
Engine category: On-highway HDDE
EPA Engine Famy, 4CEXH0661MAU

Mfr Family Name: 353U

Running Change Process Code:

	Á										3/				19-00		7						2						1
9.Emission Control Device Per SAE J1930	PCM EGRYTC 1	PCM FGB TC		TOWN FOR TO TO	TOW, FOR, IC,	PCM, EGR; TC;	PCM, EGR, TC,	PCM, EGR, TC,	PCM, EGR, TC,	PCM, EGR; TQ;	PCM, EGR, TC,	Powing Right	יכוא, הפא, וכי מיניים מיניים מיניים	PCM, EGR, IC.	CON, EGK, IC,	DCM FOR TO	ייייי בפה, וכ,				POM, EGR, IC.	DOM EGO TO	DOW EGE, IC.	TYM FOR TO	POW EGE, TO	DOM FOR TO	DOM FOREST	CH CECO TO	この例には大学していま
8.Fuel Rate: (bs/hr)@peak torque [66 - 54	96	100 V 100	03	CO	#11 93 T	93	16 Se	66	36	66	03		03				· · · · · · · · · · · · · · · · · · ·				A PROPERTY OF							上の一般の一
7.Fuel Rate: mm/stroke@peak torque	244	237	1 2 770 X	229	CZZ	数465% イイザ 連形で表現	677	1. 1. 1. 2. 2. 2. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	244	7.1. 6.3. (1.1. (1	**************************************	229	000	229		188			244	229	Jan 244	229	1 1 2 2 2 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1	229	244	1, 229	267	229	7. Feb. 14. C77 Land
6.Torque @ RPM (SEA Gross)	¶1250@1200 🖫	1200@1200	1250@1200 F	1150@1200	1150@1200	1150@1200	1150@1200	1150@1200 (At 1	1200@1200	1250@1200	1150@1200	1150@1200	1150@1200	1150@1200	1150@1200	925@1200			1250@1200 🖅	1150@1200	1250@1200	1150@1200	1150@1200	1150@1200	1250@1200	1150@1200	1250@1200	1150@1200	
5.Fuel Rate: (lbs/hr) @ peak HP (for diesels only)	131 1	131	121	114	7. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	114		131	131	121	114 30	114	114	114	123 4 1	114			131	114	121 5 5	114	114	114	131	114	Marked 2 fr	114	
4. Fuel Rate: mwstroke @ peak HP (for diesel only)	#3 : 215 · · · ·	216	¥ 199	187	188	188	188 TE	215		199	187	188	188	188	203	188			7 215	188	199	187	188	188	W 1215 FACE W	188	66 July 1988	187	
	370@1800	380@1800	340@1800	319@1800	320@1800 FS		320@1800	370@1800	380@1800	340@1800	319@1800	320@1800	320@1800	320@1800	330@1800	291@1800			370@1800	320@1800	340@1800 🔚	319@1800	1320@1800	320@1800	* 370@1800 👫 🖟	320@1800	9/0@(800	319@1800	
2.Engine Model	SM 330ST	ISM 380	: € ISM 330° 🖑 🚰	ISM 310	SISM 320V 11-		I ISM 280	ISM 330ST	** ISM 380 *	ISM 330	1. ISM 310	ISM 320V	*ISM 285V - €	ISM 280	_ ISM 330,引导	ISM 280			ISM 330ST 🐔	ISM 285V	**!SM 330***		ISM 320V		ISM 330ST		Ose Wiston	, ISM 310 🛧 🔩	
	5/82/73/FR2961		8273/FR2975	8273;FR2976	\$8273;FR2981	8273;FR2982	8273 FR2962	8505;FR2961	8505;FR2985		8505;FR2976	8505;FR2981	18505 FR2982	8505;FR2962	\$540;FR20015	8540;FR20016	数据解 证金数	FEDERAL	.8274;FR2961¥∷	8274;FR2982	8274;FR2975, **		8274FR2981		8506/FR29614 III	8506;FR2982	85061FR29775#	8506;FR2976	NO. THE CONTRACT OF

Attachment